



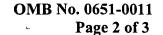
Atty. Docket No.: 110.00900101	Serial No.: 09/181,585		
1100,120010011001	,		
Applicant(s): Ranum et al.			
Filing Date: October 28, 1998	Group: 1643 1655		

		PAID						
		1,440				<u> </u>		
-		MAR 0 8 1999 N	S. PATENT	DOCUMENTS				
Examiner Initial		Doctritent Number	Date	Name	Class	SubClass	Filing I	Date If priate
A		4,683,194	07/28/87	Saiki et al.	435	6		
V		4,683,195	07/28/87	Mullis et al.	435	6		
		5,741,645	04/21/98	Orr et al.	435	6		
4		5,834,183	11/10/98	Orr et al.	435	6		
							•	1
		FORE	EIGN PATE	NT DOCUMENTS	-	· · · · · · · · · · · · · · · · · · ·		
		Document Number	Date	Country	Class	SubClass	Trans Yes	lation No
90		95/01437	01/12/95	PCT	536	23.1	103	1,10
- 		-97/42314	11/13/97	PCT	536	23.1		
		<i>>11.1231</i> 1	11/15/5/					
o o	THE	Ashizawa et al., "A between clinical fir 1883 (1992).	nticipation in	myotonic dystroph	ıy. II. Com	plex relat	ionsh	
	/	Benomar et al., "The gene for autosomal dominant cerebellar ataxia with pigmentary macular dystrophy maps to chromosome 3p12-p21.1," Nature Genet., 10, 84-88 (1995).						
	_	David et al., "Cloning of the SCA7 gene reveals a highly unstable CAG repeat expansion," Nature Genet., 17, 65-70 (1997).						
	Gardner et al., "Autosomal Dominant Spinocerebellar Ataxia: Clinical Description of a Distinct Hereditary Ataxia and Genetic Localization to Chromosome 16 (SCA4) in a Utah Kindred," Abstract 921S, Neurology, 44, A361 (1994).							
	Gispert et al., "Chromosomal assignment of the second locus for autosomal dominant cerebellar ataxia (SCA2) to chromosome 12q23-24.1," Nature Genet., 4, 295-299 (1993).							
1	-	Gouw et al., "Retin	al degeneration	on characterizes a s	pinocerebel	lar ataxia	mapp	ing

EXAMINER Shame Source Date	Date Considered 12/1	16/99
----------------------------	----------------------	-------

to chromosome 3p," Nature Genet., 10, 89-93 (1995).

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.





Atty. Docket No.: 110.00900101 **Serial No.:** 09/181,585

Applicant(s): Ranum et al.

Filing Date: October 28, 1998

Group: 1643 /655

MAR 0 8 1999

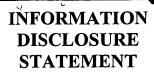
			MAR 0 8 1999 12
9)	_	Hernandez et al. "ENC-1: A Novel Mammalian Kelch-Related Gene Specifically Expressed in the Nervous System Encodes an Actin-Binding Protein," <u>J. Neurosci.</u> , <u>17</u> , 3038-3051 (1997).
		_	Imbert et al., "Cloning of the gene for spinocerebellar ataxia 2 reveals a locus with high sensitivity to expanded CAG/glutamine repeats," Nature Genet., 14, 285-291 (1996).
		/	Kawaguchi et al., "CAG expansions in a novel gene for Machado-Joseph disease at chromosome 14q32.1," Nature Genet., 8, 221-228 (1994).
			Kim et al., "NRP/B, a Novel Nuclear Matrix Protein, Associates With p110 ^{RB} and Is Involved in Neuronal Differentiation," <u>J. Cell Biol., 141</u> , 553-566 (1998).
			Koide et al., "Unstable expansion of CAG repeat in hereditary dentatorubral-pallidoluysian atrophy (DRPLA)," Nature Genet., 6, 9-13 (1994).
			Koob et al., "A 3' untranslated CTG repeat causes spinocerebellar ataxia type 8 (SCA8)," abstract, www.faseb.org/genetics/ashg/ann-meet , published September 30, 1998.
		_	Koob et al., "Rapid cloning of expanded trinucleotide repeat sequences from genomic DNA," Nature Genet., 18, 72-75 (1998).
		-	Lathrop et al., "Strategies for multilocus linkage analysis in humans," <u>Proc. Natl.</u> <u>Acad. Sci. USA, 81, 3443-3446 (1984).</u>
		_	Maxam et al., "Sequencing End-Labeled DNA with Base-Specific Chemical Cleavages," Methods in Enzymology, 65, 499-557 (1980).
		-	Messing et al., "A system for shotgun DNA sequencing," Nucl. Acids Res., 9, 309-321 (1981).
			Moseley et al., "Frequency and dramatic instability of the 3' untranslated CTG repeat causing spinocerebellar ataxia type 8 (SCA8)," abstract, www.faseb.org/genetics/ashg/ann-meet , published September 30, 1998.
			Nagafuchi et al., "Dentatorubral and pallidoluysian atrophy expansion of an unstable CAG trinucleotide on chromosome 12p," Nature Genet., 6, 14-18 (1994).
		_	Orr et al., "Expansion of an unstable trinucleotide CAG repeat in spinocerebellar ataxia type 1," Nature Gent., 4, 211-226 (1993).
		_	Ott, Analysis of Human Genetic Linkage, Revised Edition, The Johns Hopkins University Press, Baltimore, MD, title page and table of contents (1991).
		-	Pulst et al., "Moderate expansion of a normally biallelic trinucleotide repeat in spinocerebellar ataxia type 2," Nature Genet., 14, 269-276 (1996).

EXAMINER	chanse	Sonaye

Date Considered

12/16/99





Atty. Docket No.: 110.00900101

Serial No.: 09/181,585

Applicant(s): Ranum et al.

Filing Date: October 28, 1998

Group: 1643-1655

KAR O B 1999 E

		Fine Ei
9	1	Ratum et al., Spinocerebellar Ataxia Type 1 and Machado-Joseph Disease: Incidence of CAG Expansions among Adult-Onset Ataxia Patients from 311 Families with Dominant, Recessive, or Sporadic Ataxia," Am. J. Hum. Genet., 57, 603-608 (1995).
		Ranum et al., "Spinocerebellar ataxia type 5 in a family descended from the grandparents of President Lincoln maps to chromosome 11," Nature Genet., 8, 280-284 (1994).
	\	Robinson et al., "Drosophila Kelch Is an Oligomeric Ring Canal Actin Organizer," J. Cell Biol., 138, 799-810 (1997).
	-	Saiki et al., "Enzymatic Amplification of β-Globin Genomic Sequences and Restriction Site Analysis for Diagnosis of Sickle Cell Anemia," <u>Science</u> , <u>230</u> , 1350-1354 (1985).
	1	Sambrook et al., Molecular Cloning: A Laboratory Manual, Cold Spring Harbor Laboratory: New York, cover page and table of contents (1989).
	1	Sanpei et al., "Identification of the spinocerebellar ataxia type 2 gene using a direct identification of repeat expansion and cloning technique, DIRECT," Nature Genet., 14, 277-284 (1996).
	-	-Scharf et al., "Direct Cloning and Sequence Analysis of Enzymatically Amplified Genomic Sequences," <u>Science</u> , <u>233</u> , 1076-1078 (1986).
		Takiyama et al., "The gene for Machado-Joseph disease maps to human chromosome 14q," Naure Genet., 4, 300-304 (1993).
		Vincent et al., "Unstable DNA in major psychoses: cloning of a new unstable trinucleotide repeat region on chromosome 13," abstract, www.faseb.org/genetics/ashg/ann-meet , published September 30, 1998.
	_	Zhuchenko et al., "Autosomal dominant cerebellar ataxia (SCA6) associated with small polyglutamine expansions in the α_{1A} -voltage-dependent calcium channel," Nature Genet., 15, 62-69 (1997).

EXAMINE	R
---------	---

Jetane Sovaya

Date Considered

12/16/98